

OPERATING INSTRUCTIONS

SPECIFICATIONS:

100/240 $\pm 10\%$ Vac, 47-420 Hz input:

Temperature range: 0° to +55°C with no derating

Line regulation: $\pm 0.1\%$ Load regulation: $\pm 0.1\%$ Output ripple and noise: $\pm 0.1\%$ p-p, dc to 10 MHzOutput adjustment range: $\pm 5\%$ (nominal input)

Input/output isolation: 100 megohm dc, 500 Vac, electrostatically-shielded transformer.

Over-Voltage Protection: Standard

OUTPUT CURRENT RATING (AMPS)

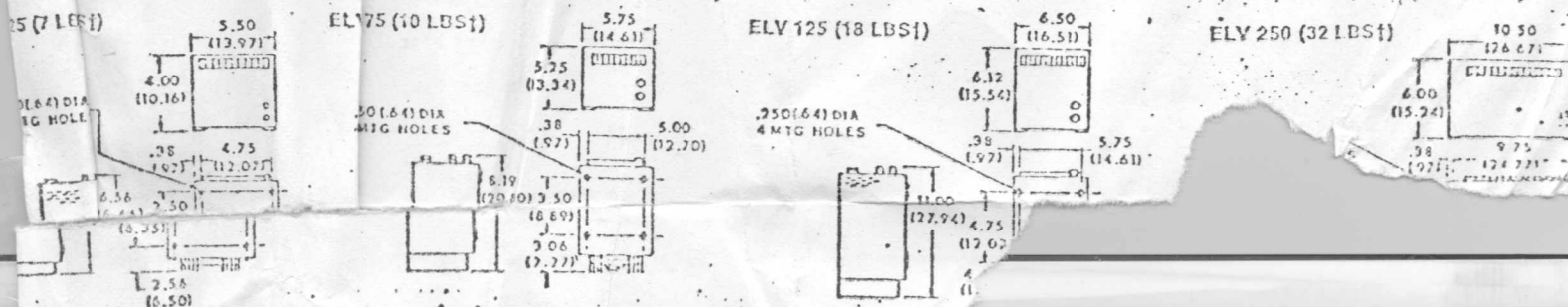
OUTPUT VOLTAGE	ELV			
	25	75	125	250
4	5.0	15.0	25.0	50.0
5	5.0	15.0	25.0	50.0
6	4.2	12.6	21.0	42.0
8	3.2	9.6	16.0	32.0
9	2.8	8.4	14.0	28.0
10	2.6	7.8	13.0	25.0
12	2.6	7.0	12.0	20.0
14	2.6	6.1	10.3	18.0
15	2.4	5.8	9.6	17.0
16	2.2	5.5	9.0	16.0
18	2.0	5.0	8.0	14.0
20	1.8	4.6	7.2	12.5
22	1.6	4.3	6.5	11.4
24	1.5	4.0	6.0	10.4
28	1.3	3.4	5.1	8.9

ORDERING INFORMATION:

LVxx-YY: Model number

LVxx-YY: Output voltage

Example: ELV125-12 is a 12V, 12A power supply.

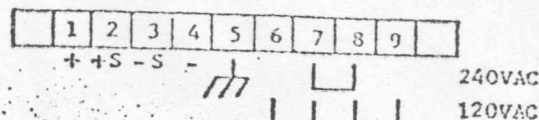
Black anodized aluminum case. Dimensions in inches, xx ± 0.02 , xxx ± 0.01 . (In centimeters, xx ± 0.05 .)

SENSING

- 1) CONNECT +SENSE TO +OUTPUT AND -SENSE TO -OUTPUT
- 2) CONNECT +SENSE TO +LOAD AND -SENSE TO -LOAD. IF OVERVOLTAGE IS OBSERVED DUE TO LEAD INDUCTANCE, CORRECT AND +OUTPUT AND BETWEEN -SENSE AND -OUTPUT
- 3) CONNECT 1W RESISTOR BETWEEN +SENSE AND -SENSE. SENSE LOSS PROTECTION RESISTOR VALUE SHOULD

TERMINAL BLOCK CONNECTIONS

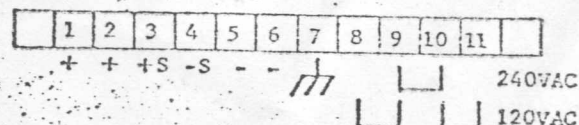
FOR ELV 25, 75, and 125



- INPUT:
- A. CONNECT INPUT LINE TO 6 AND 9.
 - B. FOR 120VAC OPERATION, JUMPER 6 TO 7 AND 8 TO 9.
 - C. FOR 240VAC OPERATION, JUMPER 7 TO 8.

- OUTPUT:
- A. CONNECT LOAD TO TERMINALS 1 AND 4.
 - B. FOLLOW SENSING INSTRUCTION BELOW FOR TERMINALS 2 AND 3.

FOR ELV 250



- INPUT:
- A. CONNECT INPUT LINE TO 8 AND 11.
 - B. FOR 120VAC OPERATION, JUMPER 8 TO 9 AND 10 TO 11.
 - C. FOR 240VAC OPERATION, JUMPER 9 TO 10.

- OUTPUT:
- A. JUMPER TERMINALS 1 TO 2 AND 5 TO 6.
 - B. CONNECT LOAD TO TERMINALS 1 AND 6.
 - C. FOLLOW SENSING INSTRUCTIONS BELOW FOR TERMINALS 3 AND 4.